

Converting Colors

`RYB(124, 145, 201)`

Have a look what the booklet for
RYB(124, 145, 201) contains.

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Color

R_YB(124, 145, 201)

Conversions

Conversions Part 1

Format	Color
Hex	7C99C9
RGB	124, 153, 201
RGB Percent	49%, 60%, 79%
CMY	0.5137, 0.4005, 0.2118
CMYK	0.38, 0.24, 0.00, 0.21
HSL	218°, 42%, 64%
HSV	218°, 38%, 79%
XYZ	30.2256, 31.2437, 59.6959
YIQ	149.8010, -32.6920, 8.7800

Conversions

Conversions Part 2

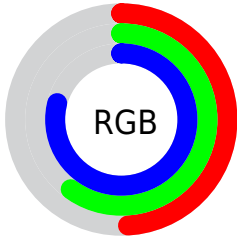
Format	Color
RYB	124, 145, 201
Decimal	8165833
CIELab	62.71, 2.00, -27.98
CIELCh	63, 28.051, 274.097
Yxy	31.2437, 0.2495, 0.2579
Android (android.graphics.Color)	4286355913 (0xFF7C99C9)
YUV	149.8010, 25.2411, -22.6275
Hunter-Lab	55.8961, -1.2949, -24.1933

Details

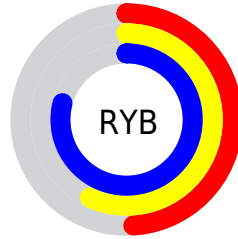
The RYB color **124, 145, 201** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **171, 201, 124**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **179, 199, 255**, and **71, 93, 147** is the 20% darker color. If you saturate the color by 10%, you get **104, 130, 201**, and if you desaturate by 10%, it is **144, 159, 201**.

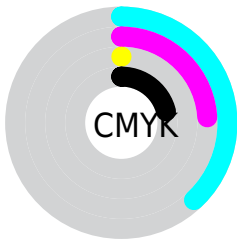
Distribution



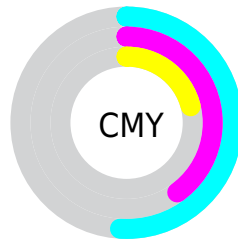
- Red (49%)
- Green (60%)
- Blue (79%)



- Red (49%)
- Yellow (57%)
- Blue (79%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)



- Cyan (51%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 145, 201 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 124, 145, 201 by changing the saturation by 10% instead.

 124, 145, 201


255, 255, 255


 179, 199, 255

 207, 225, 255

 236, 246, 255

 124, 145, 201


 97, 119, 174

 71, 93, 147

 44, 68, 121


 12, 41, 96


 0, 24, 72

 0, 10, 49

 0, 1, 28

 0, 0, 0

 124, 145, 201

 124, 145, 201

■ 104, 130, 201

■ 144, 159, 201

■ 84, 116, 201

■ 164, 174, 201

■ 64, 101, 201

■ 184, 189, 201

■ 44, 87, 201

■ 203, 204, 201

■ 23, 72, 201

■ 215, 225, 201

■ 3, 57, 201

■ 229, 245, 201

■ 0, 55, 201

■ 220, 255, 201

■ 203, 255, 201

■ 201, 255, 201

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88, 131, 196



124, 145, 201



160, 144, 193

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



124, 145, 201



200, 138, 125



110, 149, 163

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



124, 145, 201



171, 201, 124

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



110, 159, 130



124, 145, 201



187, 171, 108

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



124, 145, 201



200, 133, 149



122, 166, 102



83, 127, 165

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



124, 145, 201



179, 139, 181



122, 166, 102



120, 160, 162

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



124, 145, 201



227, 234, 255



124, 172, 201



111, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



124, 145, 201



138, 170, 255



133, 124, 201



90, 92, 99



0, 44, 163



0, 10, 36

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



201, 124, 153



255, 138, 182



124, 201, 133



99, 90, 93



163, 0, 61



36, 0, 13

Previews

White Background



This preview shows how the RYB color 124, 145, 201 looks on a white background.

Color Contrast Check

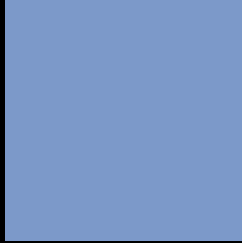
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 124, 145, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

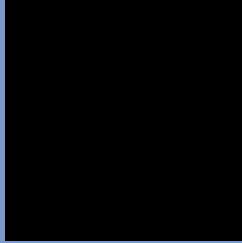
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

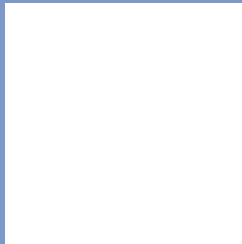
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 124, 145, 201 Background



This preview shows how black text looks on a background with the RYB color 124, 145, 201.



This preview shows how white text looks on a background with the RYB color 124, 145, 201.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
124, 145, 201

Protanopia
138, 148, 198

Deuteranopia
138, 147, 202



Tritanopia
117, 140, 171

Trichromacy



Original Color
124, 145, 201

Protanomaly
133, 147, 199

Deuteranomaly
133, 147, 202

Tritanomaly
120, 143, 182

Monochromacy



Original Color
124, 145, 201

Achromatopsia
150, 150, 150

Achromatomaly
141, 148, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 145, 201 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(124, 153, 201)` looks like.

```
.text, #text, p{  
    color:rgb(124, 153, 201)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(124, 153, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 153, 201) }
```

Border

The CSS property to change the border of an element to RYB 124, 145, 201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 153, 201) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(124, 153, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(124, 153, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 153, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 153, 201);  
box-shadow:4px 4px 4px 4px rgb(124, 153,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 124, 145, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 153, 201) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(124,  
153, 201) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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